

MOTOR PH

REQUIREMENTS

Prepared By :

Group 4
Pascual, Jasmin
Camba, Jelly

MotorPH was established in 2020 to provide private transportation options to Filipinos

TABLE OF CONTENT

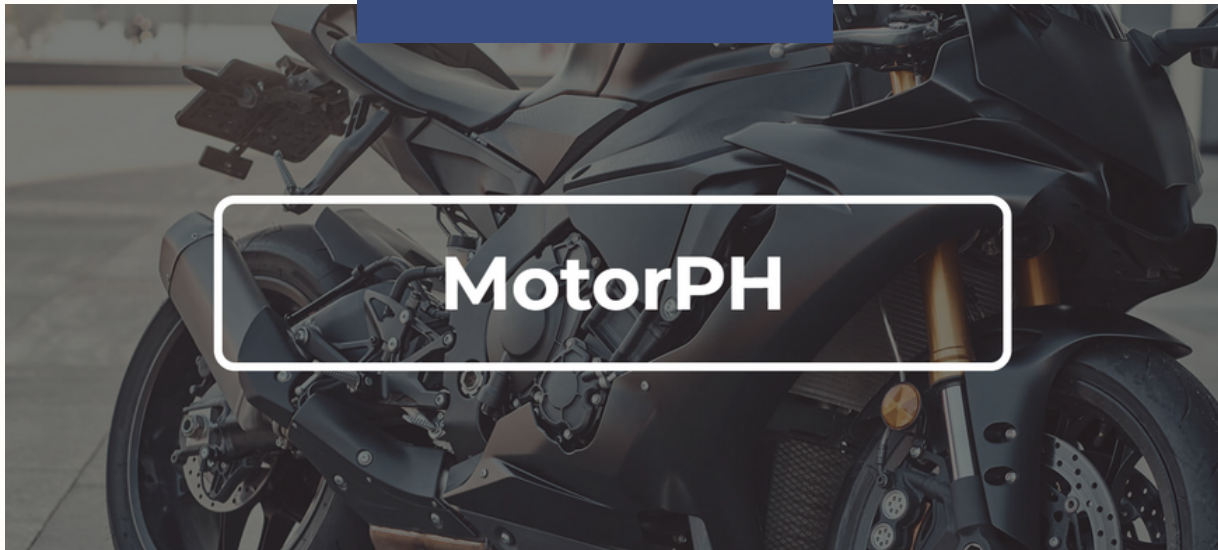
01 Motor PH Requirements

04 Effort Estimate

05 Use Case Diagram

06 Wireframe

14 Project Plan



REQUIREMENTS IDENTIFICATION

What problem is the client trying to resolve or what business need are they trying to fulfill?

- To avoid discrepancies in their inventory and be able to pay employees correctly and on time.

What are your assumptions about the requirement?

- Their initial requirement is a basic presentation of employee details and automatic salary calculation based on the number of hours worked and basic deductions

What is the end goal for completing this?

- To earn a recognition and knowledge that can be utilize in the future. The end goal is to be able to present a simple application with features that the client requested.

What features are the client looking for?

- A system that are built in phases where they can manage their products and employee details and salary. Time Tracking, Automatic Wage Calculation of Gross Weekly Salary and Net Weekly Salary

[SPREADSHEET COPY](#)
[CLICK HERE](#)

REQUIREMENTS IDENTIFICATION

Are the features part of a process? Is yes, what are the steps?

- The features are part of the process. The timeline and expectation are in week 4 Visualization of our requirements. Week 5 employee details presentation. Week 6 hours worked calculation. Week 7 gross wage calculation. Week 8 net wage calculation. Week 9-10 testing and revision and Week 11 submission of final output

Do you have thoughts on how this feature can be developed differently?

- The features can be developed differently by expanding needed materials to create the system.

How will you know that the requirements have been completed?

- The requirements have been completed if the presentation of employee details and automatic salary calculation has been included in the system.

Where does the process start? What happens next?

- The process will start by visualizing what will the application look like. As the initial requirements completed, there would be more features.

Where will the results be displayed?

- The results will be displayed in the system portal that can be seen by HR including automated payroll system and inventory

What details or information do you need to know so you can initiate the task?

- The information needed in the task are employee database which included initial employee log-in and log-out.

[SPREADSHEET COPY](#)
[CLICK HERE](#)

REQUIREMENTS IDENTIFICATION

Are there alternative scenarios that you can think of?

- There are alternative scenarios (1) to include employees extended information in the future (2) to have an easy navigation of it

What are the tasks that need to be tracked?

- All the task should be tracked. The tasks that need to be tracked are the week 4 to week 11 that includes are the phase 1 timelines.

Do the features indicated by the client meet their current need or solve the problem they're trying to solve?

- The features indicated by the client meet the current need. Inventory and payroll system are needed in the business as it helps the MotorPh to be organized in products, employee details and salary.
-

[SPREADSHEET COPY](#)
[CLICK HERE](#)

EFFORT ESTIMATE



What are the main tasks you need to do?

Task 1 - Analyze the most requirements.

Task 2 - Create a use case diagram where it contains the specific users of the system and its requirements.

Task 3 - Create wireframes based on the use case diagram

Task 4 - Install an IDE Code and code through Java all necessary details



What do you need to know to accomplish these tasks?

Task 1 - Employee details including name, birthday, and membership details to be input in the system

Task 2 - Log in and log out time data of employee

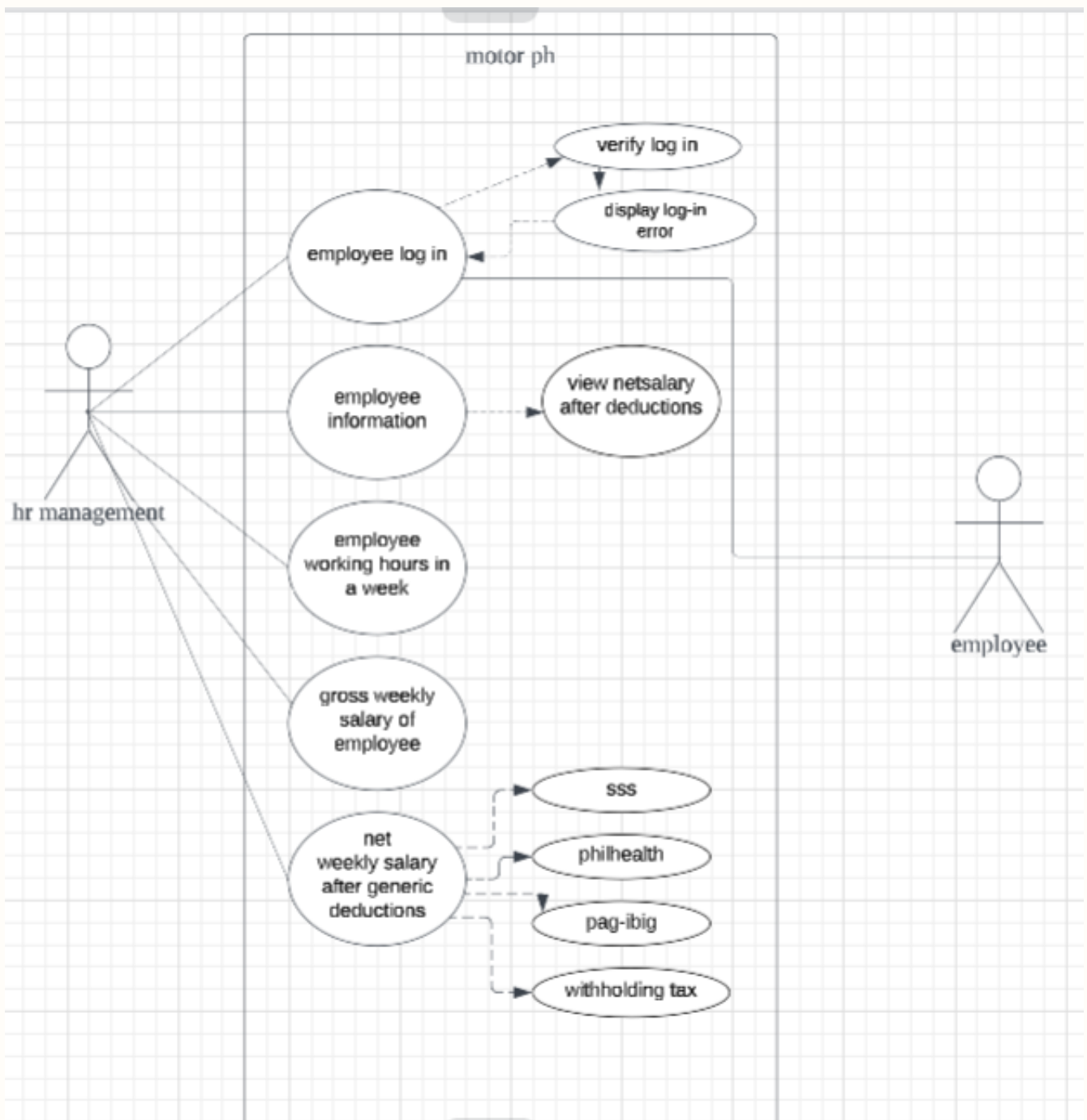
Task 3 - Gross and net salary data of employee

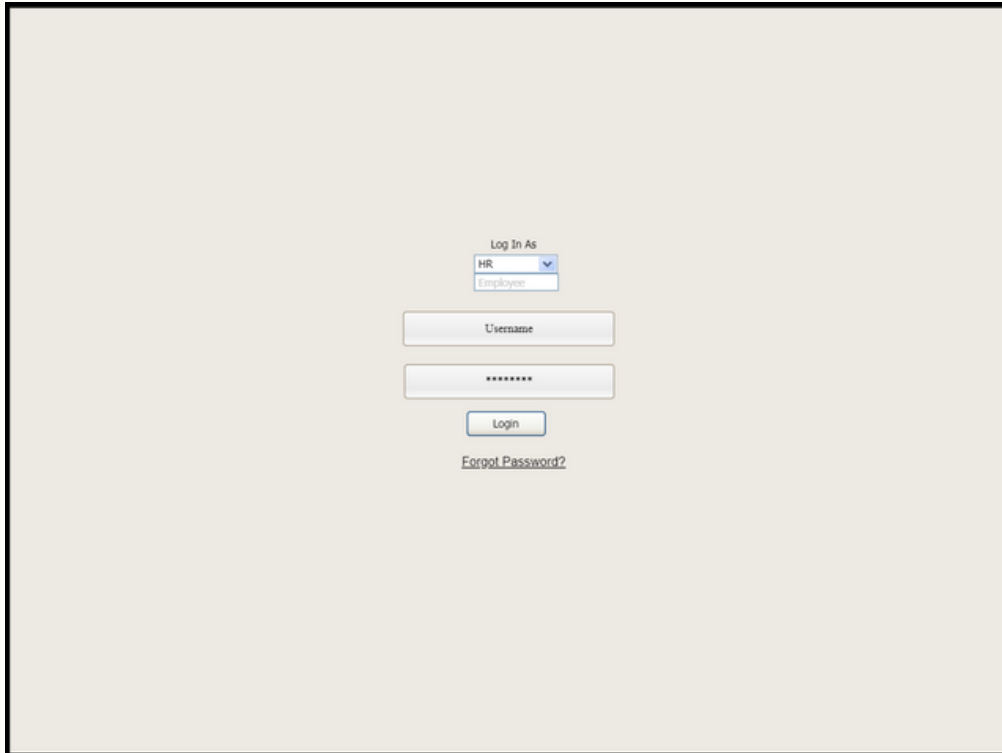
Task 4 - Contributions data of employee for SSS, Pag ibig and Philhealth

[SPREADSHEET COPY](#)
[CLICK HERE](#)

USE CASE DIAGRAM

05





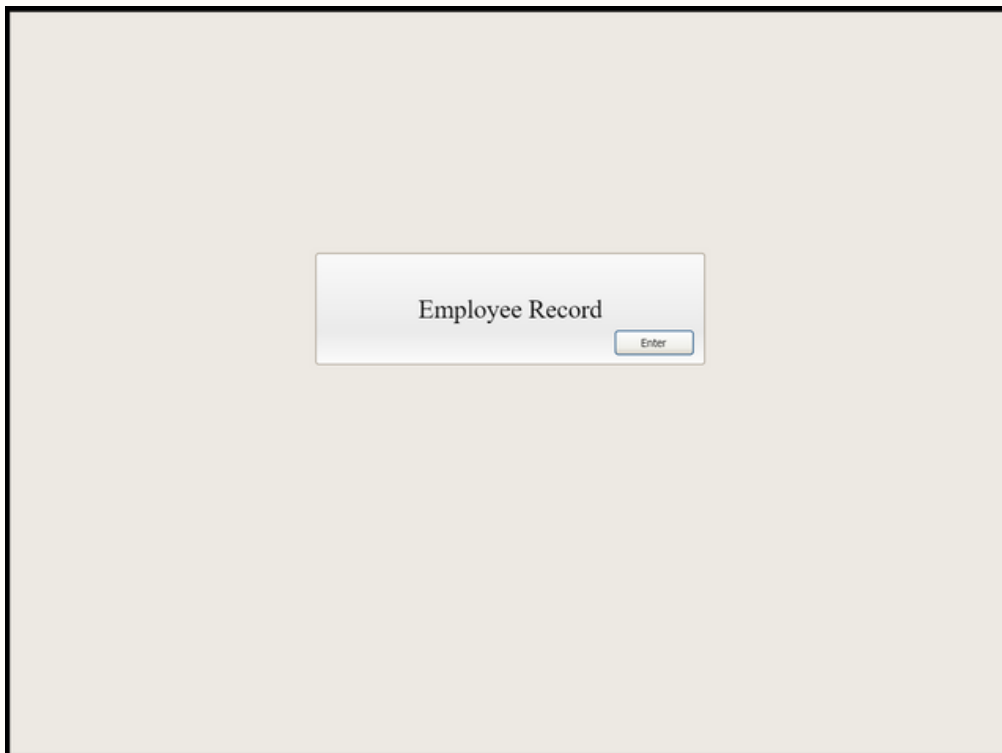
Log In As

HR Employee

Username

Login

[Forgot Password?](#)



Employee Record

Enter

Employee Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Employee Profile

Employee Number

Last Name

First Name

Birthday

Address

Phone Number

SSS #

Philhealth #

Pag-ibig #

Add employee record

Update employee record

Employee Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Salary Record

Employee Number

Status

Position

Immediate Supervisor

Basic Salary

Rice Subsidy

Phone Allowance

Clothing Allowance

Add employee record

Update employee record

Employee Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Time Sheet

Employee Number

Date Period Start End

Hours Worked

Calculate hours worked

Generate Report

Add employee record

Update employee record

Employee Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Gross Salary

Pay-period

Employment Status

Calculate Allowance ☐ Checkbox

Gross Salary

Calculate Gross Salary

Generate Report

Add employee record

Update employee record

The wireframe shows a web application interface for calculating net salary. On the left is a vertical sidebar with five buttons: 'Employee Profile', 'Salary Record', 'Time Sheet', 'Gross Salary', and 'Net Salary'. The 'Net Salary' button is highlighted. The main content area features a modal window titled 'Net Salary'. Inside this modal, there are input fields for 'Pay-period', 'Employment Status', and 'Net Salary'. There are also two checkboxes, 'Filed Leaves' and 'Filed Overtime'. At the bottom of the modal are two buttons: 'Calculate Net Salary' and 'Generate Report'. Below the modal, outside the window, are two buttons: 'Add employee record' and 'Update employee record'.

Employee Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Net Salary

Pay-period

Employment Status

☐ Filed Leaves

☐ Filed Overtime

Net Salary

Calculate Net Salary

Generate Report

Add employee record

Update employee record

WIREFRAME

EMPLOYEE VIEW

Log In As

Employee

HR

Username

Login

[Forgot Password?](#)

My Record

Enter

[PDF COPY](#)
[CLICK HERE](#)

WIREFRAME

My Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Employee Profile

Employee Number	<input type="text"/>
Last Name	<input type="text"/>
First Name	<input type="text"/>
Birthday	<input type="text"/>
Address	<input type="text"/>
Phone Number	<input type="text"/>
SSS #	<input type="text"/>
Philhealth #	<input type="text"/>
Pag-ibig #	<input type="text"/>

My Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Salary Record

Employee Number	<input type="text"/>
Status	<input type="text"/>
Position	<input type="text"/>
Immediate Supervisor	<input type="text"/>
Basic Salary	<input type="text"/>
Rice Subsidy	<input type="text"/>
Phone Allowance	<input type="text"/>
Clothing Allowance	<input type="text"/>

[PDF COPY](#)
[CLICK HERE](#)

WIREFRAME

My Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Time Sheet

Employee Number

Date Period Start

End

Hours Worked

Generate Report

My Profile

Salary Record

Time Sheet

Gross Salary

Net Salary

Gross Salary

Pay-period

Employment Status

Calculate Allowance ☐ Checkbox

Gross Salary

Generate Report

[PDF COPY](#)
[CLICK HERE](#)

WIREFRAME

The wireframe shows a user interface for generating a Net Salary report. On the left is a vertical sidebar with five buttons: 'My Profile', 'Salary Record', 'Time Sheet', 'Gross Salary', and 'Net Salary'. The 'Net Salary' button is highlighted. The main content area features a modal window titled 'Net Salary'. Inside this modal, there are three input fields labeled 'Pay-period', 'Employment Status', and 'Net Salary'. A 'Generate Report' button is located at the bottom right of the modal.

Net Salary	
Pay-period	<input type="text"/>
Employment Status	<input type="text"/>
Net Salary	<input type="text"/>
<input type="button" value="Generate Report"/>	

[PDF COPY](#)
[CLICK HERE](#)

PROJECT PLAN

14

#	Task	Owner	Start Date	End Date
1	Define the requirements for fulfilling MotorPH's end goal.	Development Team	12/1/2022	12/5/2022
2	Visualize the requirements through a use case diagram.	Development Team	12/8/2022	12/12/2022
3	Create wireframes based on the identified requirements that;	Development Team	12/13/2022	12/18/2022
3.1	Shows employee information in the prescribed format (employee number, employee name, birthday).	Development Team	12/13/2022	12/18/2022
3.2	Calculates the number of hours an employee has worked in a week.	Development Team	12/13/2022	12/18/2022
3.3	Calculates the gross weekly salary of an employee based on hours worked.	Development Team	12/13/2022	12/18/2022
3.4	Calculates the net weekly salary of an employee after applying generic deductions.	Development Team	12/13/2022	12/18/2022
4	Visualize the MotorPH's requirements	Development Team	1/3/2023	1/9/2023

[SPREADSHEET COPY](#)
[CLICK HERE](#)

PROJECT PLAN

15

#	Task	Owner	Start Date	End Date
5	Present employee details in the payroll system	Development Team	1/10/2023	1/16/2023
6	Calculate hours worked in the payroll system	Development Team	1/17/2023	1/23/2023
7	Calculate gross wage of employee in the payroll system	Development Team	1/24/2023	1/30/2023
8	Calculate net wage of employee in the payroll system	Development Team	1/31/2023	2/6/2023
9	Testing and revision of system	Development Team	2/7/2023	2/13/2023
10	Final Output of MotorPH Payroll System	Development Team	2/14/2023	2/20/2023

[SPREADSHEET COPY](#)
[CLICK HERE](#)

THANK YOU

